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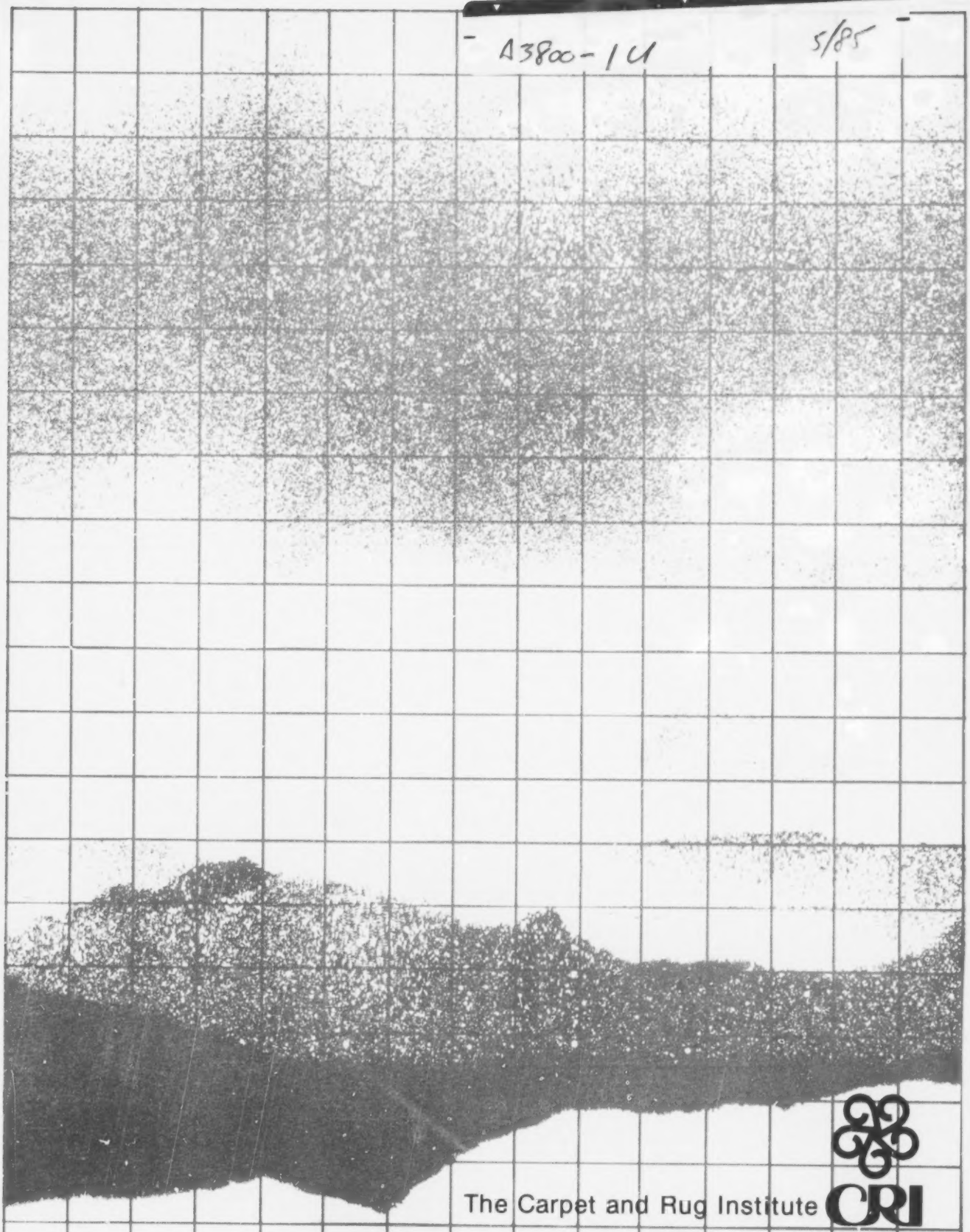

The Carpet and Rug Institute CRI

INDUSTRY REVIEW 1983

Preface

The Carpet and Rug Institute is the national trade association representing the carpet and rug industry in the United States. CRI members are either manufacturers of carpet, rugs or other industry products, or are suppliers of raw materials and services to the industry.

The work of the Institute is under the direction of an elected Chairman and Board of Directors and an appointed President. Each phase of industry activity is assigned to professional staff in such areas as marketing, public relations, member services, governmental and consumer affairs, and technical services.

Lending their time and expertise to assist the staff are personnel from member companies who work on committees and subcommittees.

CRI maintains permanent offices in Dalton, Georgia and in Washington, D.C.

Highlights of 1983

- Shipments totaled $6.0 billion, an increase of 21.9 percent from 1982.
- Total square yards reached 1.1 billion, up 23.0 percent from 1982.
- Tufted's share of market was 93.1 percent on a square yard basis, and 93.6 percent based on dollars.
- Woven products held a 1.5 percent share on a square yard basis and 3.6 percent based on dollars.
- Nylon held an 80.5 percent share of the face fiber market; polypropylene ranked second with 11.7 percent; polyester 7.2 percent; and wool almost one percent.
- Export sales were $264.1 million, down 7.7 percent from 1982.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, Kuwait, United Arab Emirates, and West Germany.
- Imports reached $317.3 million, an increase of 18.6 percent from 1982.
- The top five suppliers to the U.S. were: India, China, Belgium, Pakistan, and the United Kingdom.

Highlights of 1982

- Shipments totaled $5.0 billion, a decrease of 5.5 percent from 1981.
- Total square yards reached 886 million, down 10.6 percent from 1981.
- Tufted's share of market was 93.8 percent on a square yard basis, and 93.2 percent based on dollars.
- Woven products held a 1.5 percent share on a square yard basis and 3.9 percent based on dollars.
- Nylon held a 79.8 percent share of the face fiber market; polypropylene ranked second with 11.5 percent; polyester 7.9 percent; and wool less than one percent.
- Export sales were $286.2 million, down 14.6 percent from 1981.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, United Arab Emirates, Kuwait, and West Germany.
- Imports reached $267.6 million, a decrease of 10.6 percent from 1981.
- The top five suppliers to the U.S were: India, China, Belgium, the United Kingdom, and Iran.

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Data Compiled and Published by

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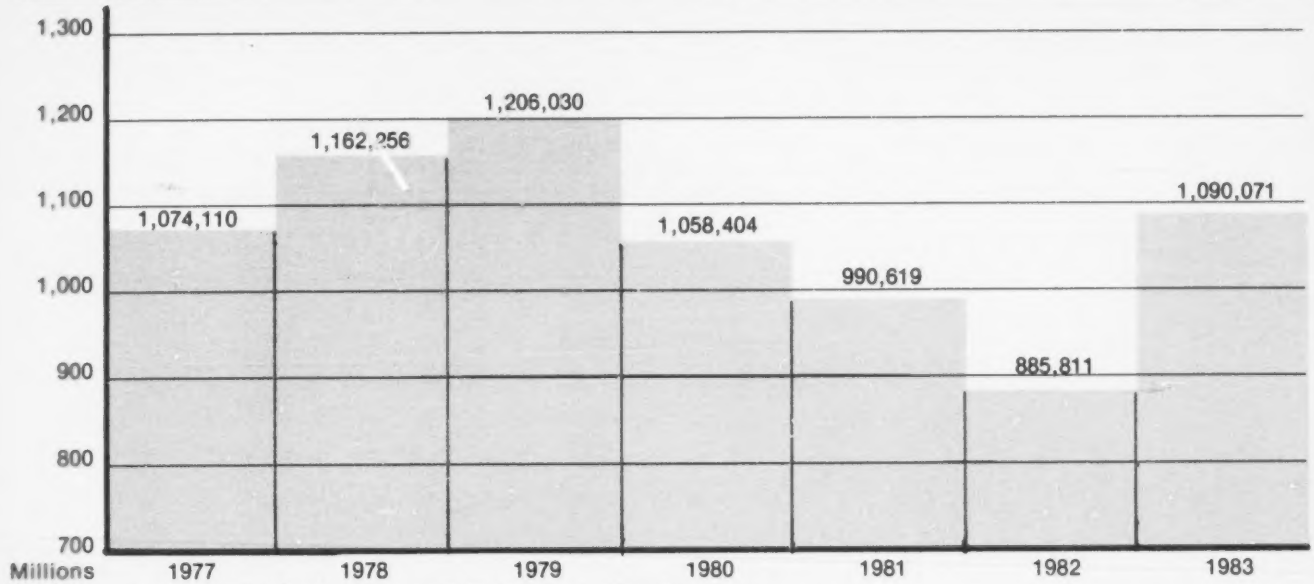
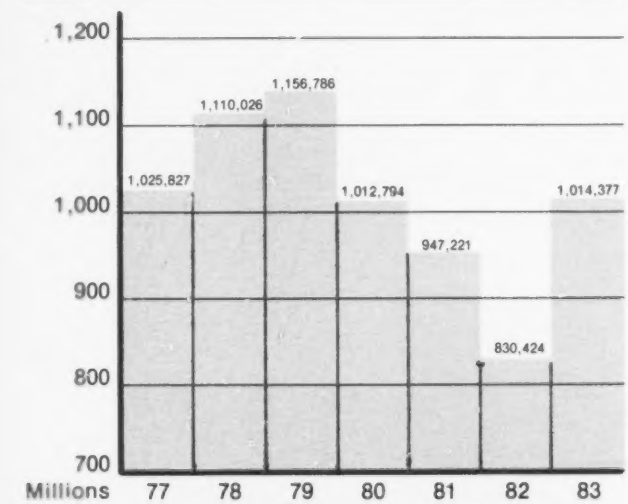
P. O. Box 2048
Dalton, GA 30720
404/278-3176

TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS



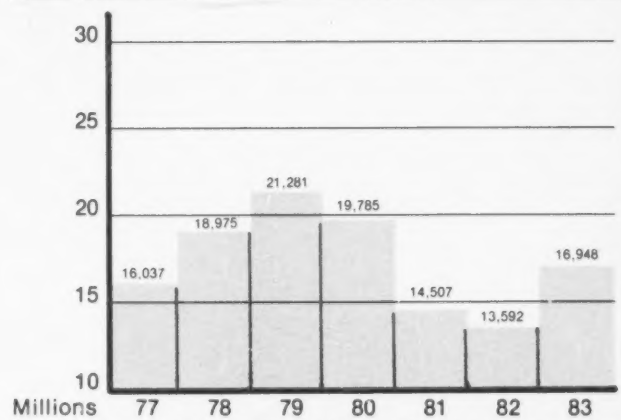
Includes all tufted, woven and all other carpet and rugs.

TUFTED



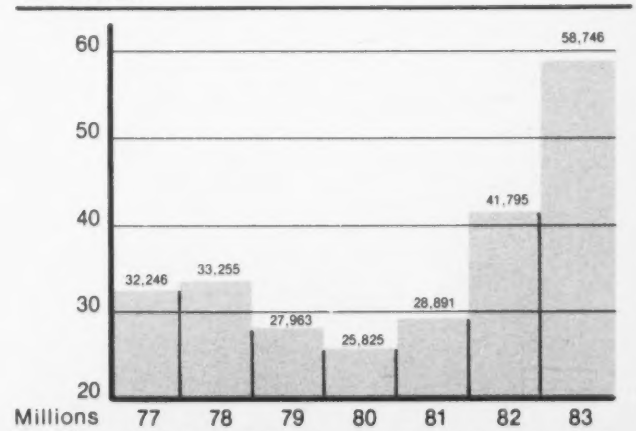
Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces, and automobile and aircraft carpet.

WOVEN



Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER

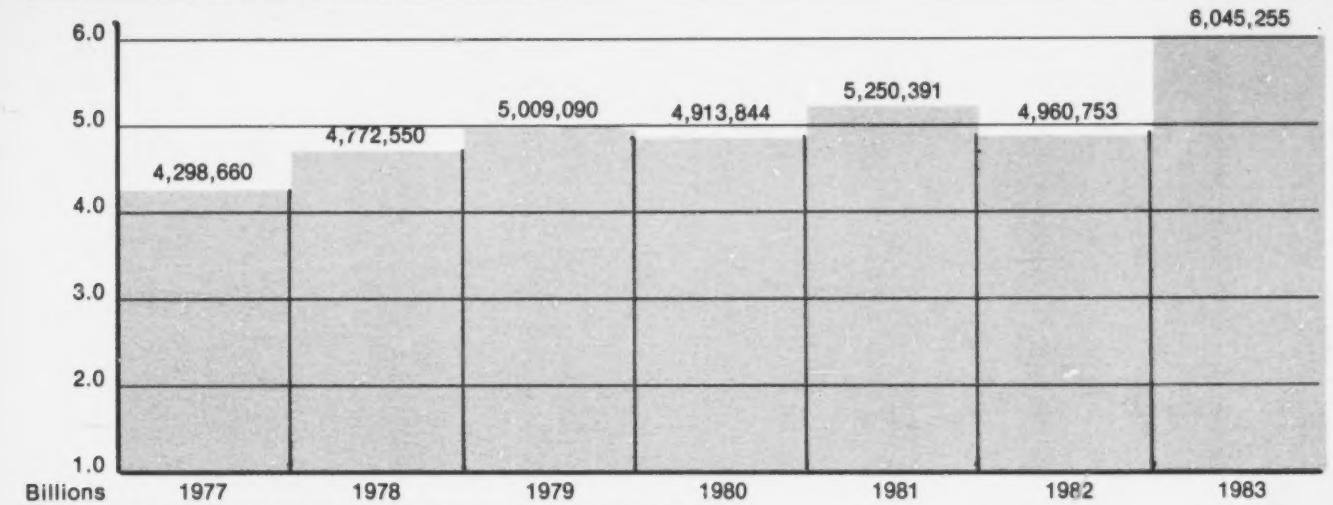


Includes knitted, needlepunch, braided, hooked and other carpet and rugs not elsewhere classified (N.E.C.).

Refer to Appendix Table 1, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

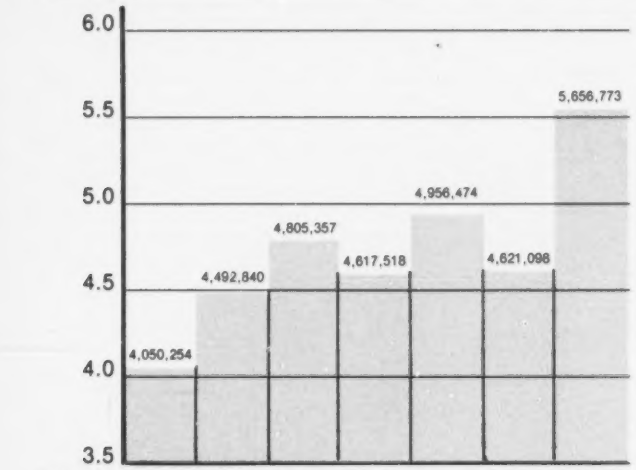
TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE



Billions of Dollars

Includes all tufted, woven, and all other carpet and rugs.

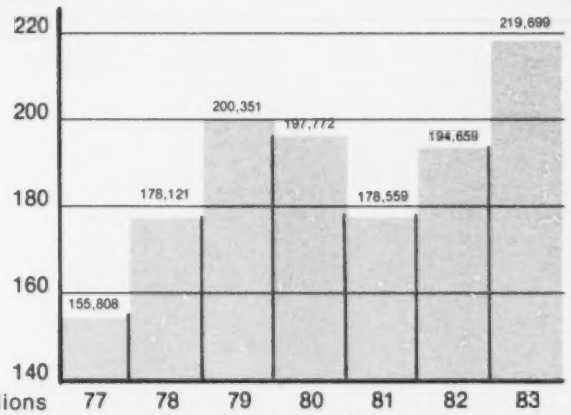
TUFTED



Billions of Dollars

Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

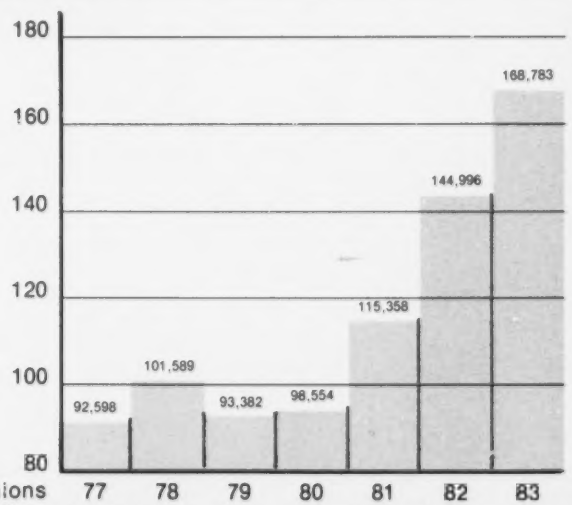
WOVEN



Millions of Dollars

Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER



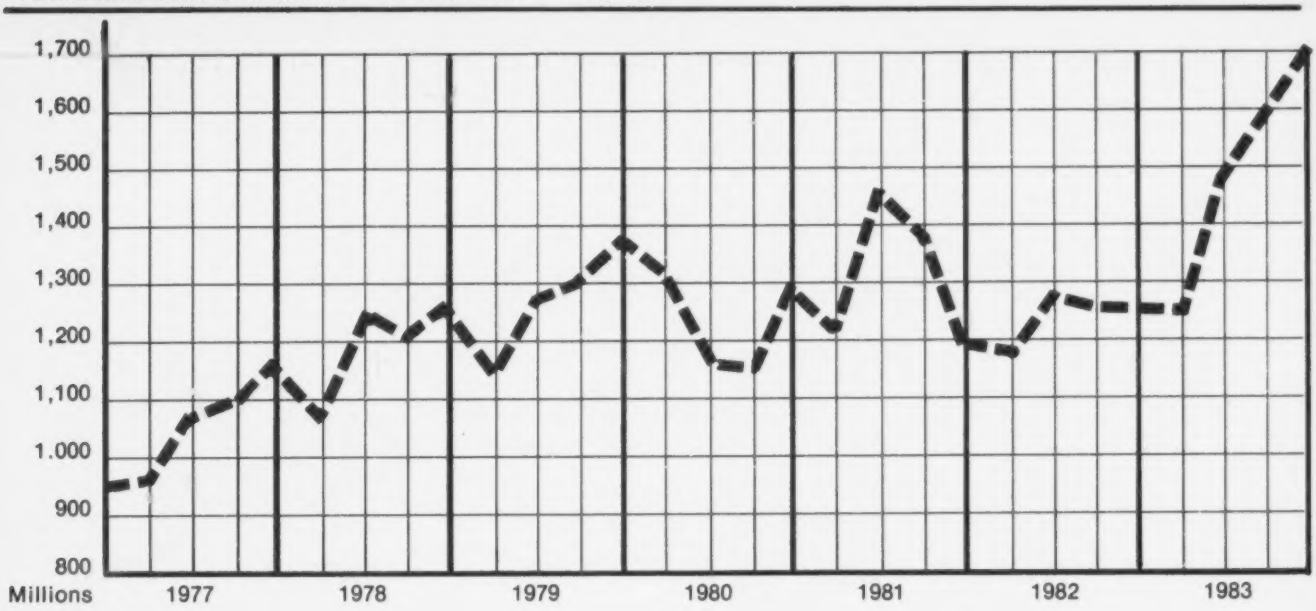
Millions of Dollars

Includes knitted, needlepunch, braided, hooked and other carpet and rugs N.E.C.

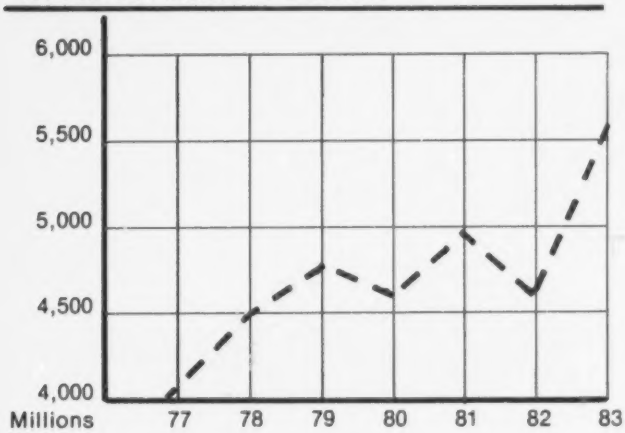
Refer to Appendix Table 2, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

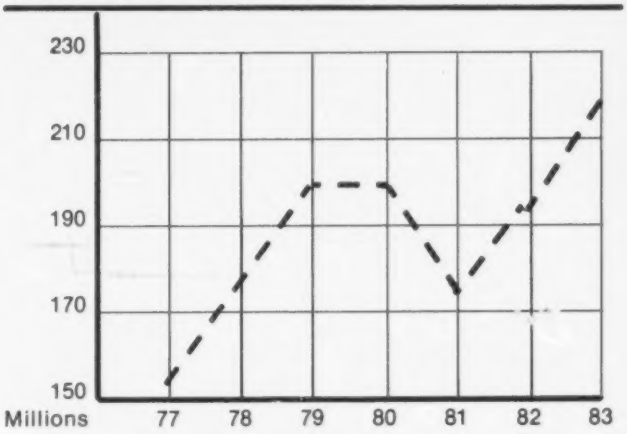
TOTAL INDUSTRY SHIPMENTS — QUARTERLY — DOLLARS



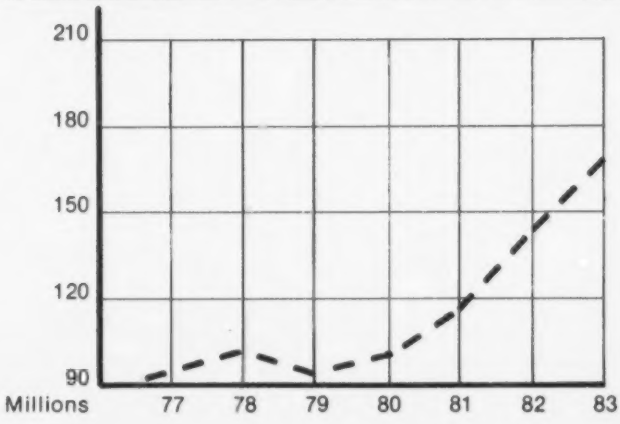
TUFTED SHIPMENTS — DOLLARS



WOVEN SHIPMENTS — DOLLARS



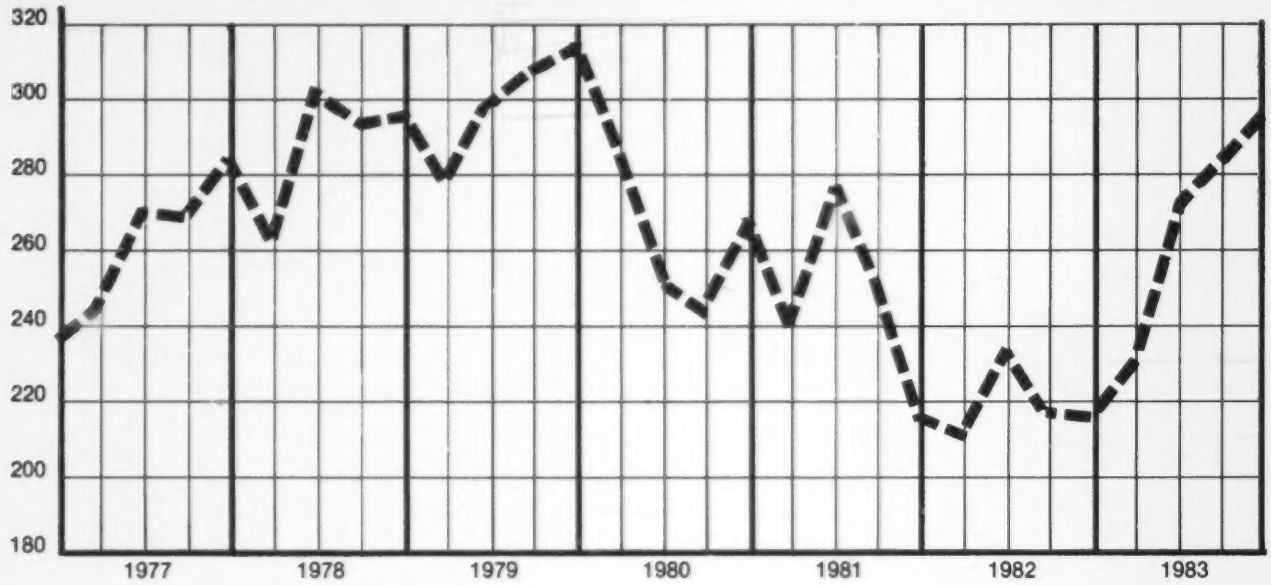
ALL OTHER SHIPMENTS — DOLLARS



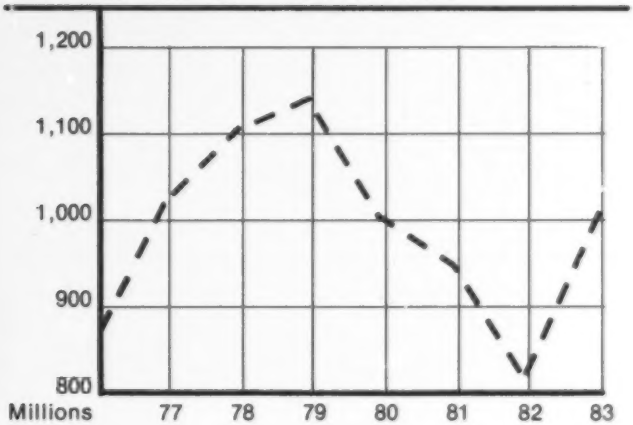
Refer to Appendix Table 2 and 3 for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22.

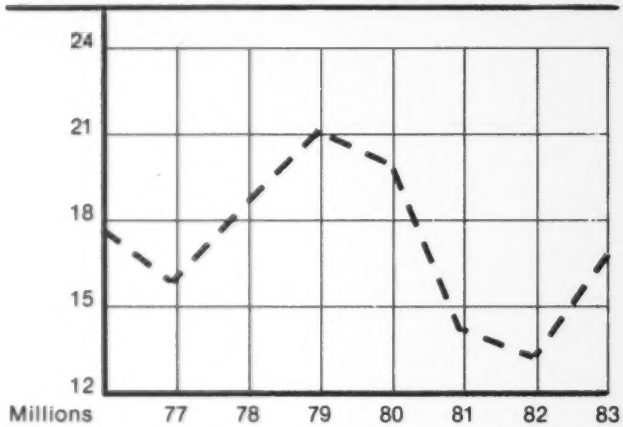
TOTAL INDUSTRY SHIPMENTS — QUARTERLY — SQUARE YARDS



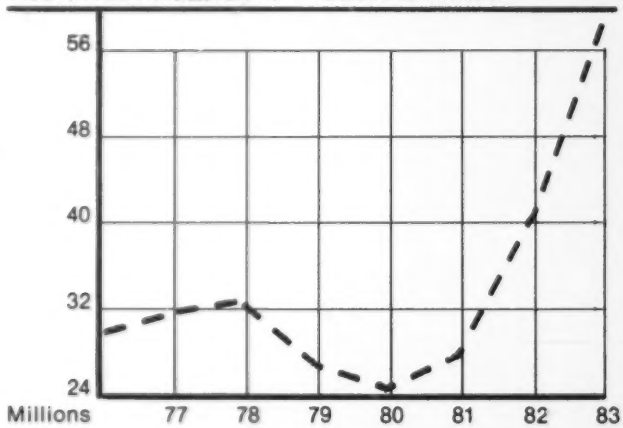
TUFTED SHIPMENTS — SQUARE YARDS



WOVEN SHIPMENTS — SQUARE YARDS



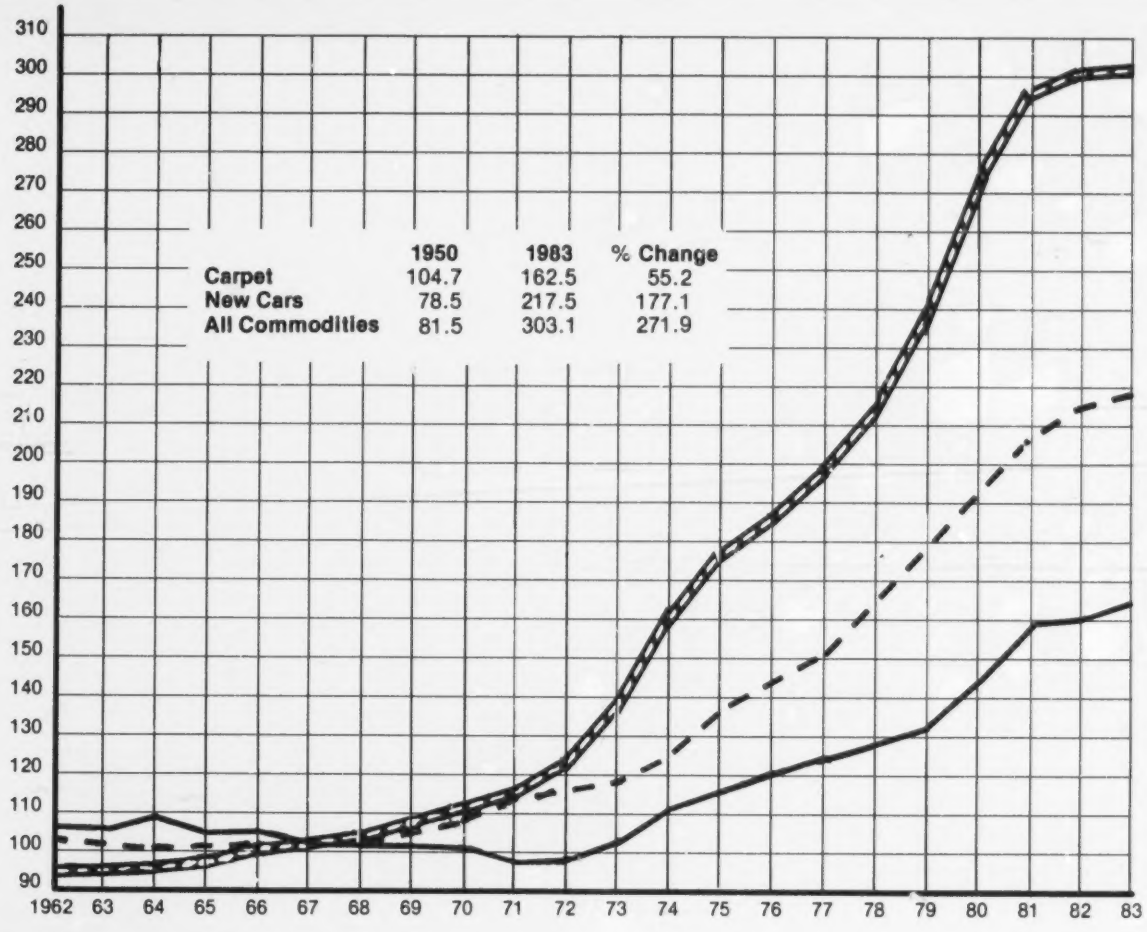
ALL OTHER SHIPMENTS — SQUARE YARDS



Refer to Appendix Table 1 and 3 for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22.

PRODUCER PRICE INDEX (1967 = 100%)



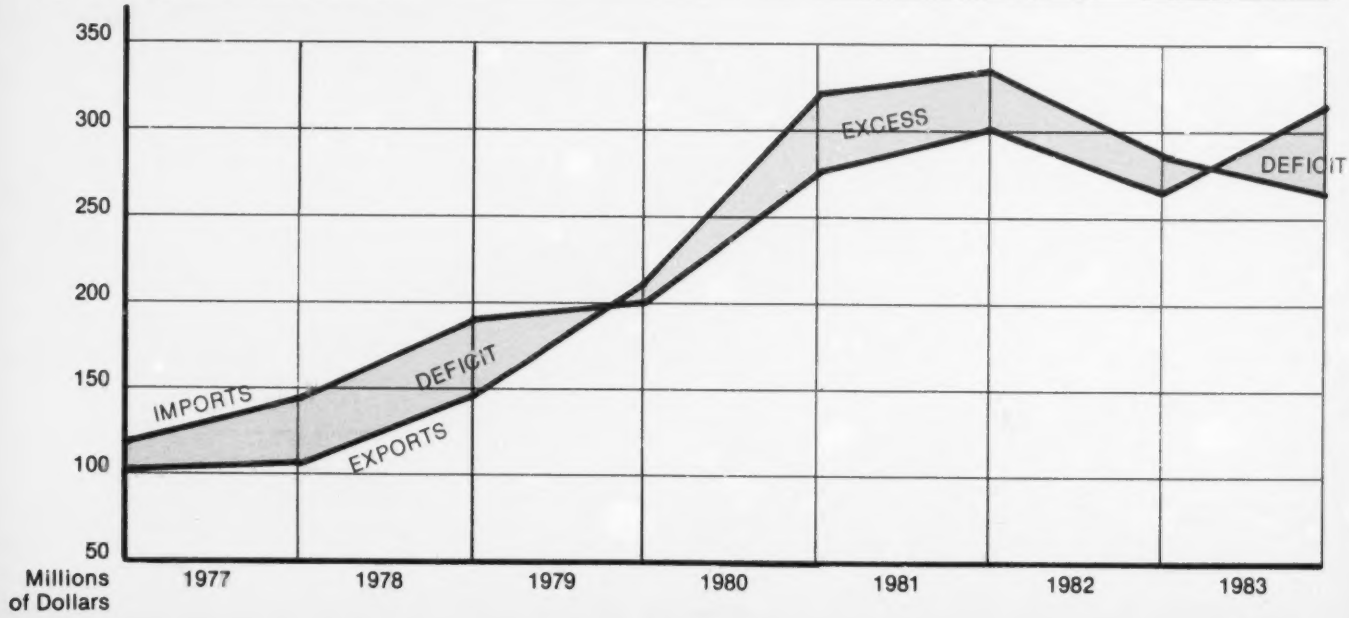
Source: Bureau of Labor Statistics

All Commodities

New Cars

Carpet

CARPET AND RUG TRADE BALANCE



APPENDIX TABLE 1	TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS (000's Omitted)						
	1977	1978	1979	1980	1981	1982[r]	1983
TUFTED	1,025,827	1,110,026	1,156,786	1,012,794	947,221	830,424	1,014,377
Rugs smaller than 6' x 9'	79,737	81,072	80,751	73,711	72,300	55,394	72,869
Rugs & roll goods larger than 6' x 9'	875,882	947,344	973,738	837,809	808,477	721,847	874,225
[1]Artificial Grass for non-athletic surfaces	—	16,076	30,712	33,050	22,596	21,432	21,112
Automotive & aircraft	70,208	65,534	71,585	68,224	43,848	31,751	46,171
WOVEN	16,037	18,975	21,281	19,785	14,507	13,592	16,948
ALL OTHER	32,246	33,255	27,963	25,825	28,891	41,795	58,746
Knitted	9,254	7,677	7,617	7,386	6,388	5,565	6,277
Needlepunch	16,838	19,290	14,806	12,681	17,601	30,336	45,639
Braided, Hooked and Other N.E.C.	6,154	6,288	5,540	5,758	4,902	5,894	6,830
TOTAL INDUSTRY	1,074,110	1,162,256	1,206,030	1,058,404	990,619	885,811	1,090,071

[1]Data for 1977 included with roll goods larger than 6' x 9'.
Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 2	TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE (000's Omitted)						
	1977	1978	1979	1980	1981	1982[r]	1983
TUFTED	4,050,254	4,492,840	4,805,357	4,617,518	4,956,474	4,621,098	5,656,773
Rugs smaller than 6' x 9'	242,860	247,382	251,973	273,323	298,053	277,080	339,372
Roll goods and rugs larger than 6' x 9'	3,618,081	3,993,648	4,239,270	4,013,669	4,398,367	4,107,496	4,996,626
[1]Artificial Grass for non-athletic surfaces	—	43,209	70,799	78,437	59,132	56,493	56,738
Automotive & aircraft	189,313	208,601	243,315	252,089	200,922	180,029	264,037
WOVEN	155,808	178,121	200,351	197,772	178,559	194,659	219,699
ALL OTHER	92,598	101,589	93,382	98,554	115,358	144,996	168,783
Knitted	42,958	42,489	40,703	41,595	44,295	46,528	45,901
Needlepunch	29,457	33,535	32,401	29,052	45,145	72,031	93,118
Braided, Hooked and Other N.E.C.	20,183	25,565	20,278	27,907	25,918	26,437	29,764
TOTAL INDUSTRY	4,298,660	4,772,550	5,099,090	4,913,844	5,250,391	4,960,753	6,045,255

[1]Data for 1977 included with roll goods larger than 6' x 9'.
Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.
[r] - Revised

APPENDIX TABLE 3 TOTAL INDUSTRY SHIPMENTS — QUARTERLY ANALYSIS (000's Omitted)

YEAR	QUARTER	SQUARE YARDS	DOLLARS
1983		**1,090,071**	**$6,045,255**
	1st	233,859	1,250,204
	2nd	274,176	1,488,402
	3rd	285,862	1,598,758
	4th	296,174	1,707,891
1982[r]		**885,811**	**$4,960,753**
	1st	213,813	1,173,137
	2nd	235,155	1,277,821
	3rd	219,707	1,258,385
	4th	217,136	1,251,410
1981		**990,619**	**$5,250,391**
	1st	241,903	1,217,186
	2nd	278,675	1,461,655
	3rd	252,530	1,379,518
	4th	217,611	1,192,032
1980		**1,058,404**	**$4,913,844**
	1st	287,880	1,307,283
	2nd	254,327	1,167,474
	3rd	246,290	1,152,448
	4th	269,907	1,286,639
1979		**1,206,030**	**$5,099,090**
	1st	279,379	1,141,597
	2nd	299,117	1,272,327
	3rd	309,750	1,309,453
	4th	317,784	1,375,713
1978		**1,162,256**	**$4,772,550**
	1st	264,928	1,070,747
	2nd	303,397	1,241,364
	3rd	294,959	1,205,734
	4th	298,972	1,254,705
1977		**1,074,110**	**$4,298,660**
	1st	246,547	969,050
	2nd	272,775	1,071,193
	3rd	270,530	1,095,901
	4th	284,258	1,162,516

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 4 TOTAL INDUSTRY SHIPMENTS

(Includes all woven, all tufted and all other carpet and rugs combined)

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's))'s)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	319,489	+13.4	$ 1,075,526	+12.3	$ 3.36	- 1.2
1964	374,384	+17.2	1,241,511	+15.5	3.32	- 1.2
1965	430,257	+14.9	1,382,404	+11.3	3.21	- 3.3
1966	469,197	+ 9.1	1,497,588	+ 8.3	3.19	- 0.6
1967	496,794	+ 5.9	1,615,534	+ 7.9	3.25	+ 1.9
1968	586,155	+18.0	1,972,347	+22.1	3.36	+ 3.4
1969	642,645	+ 9.6	2,186,562	+10.9	3.40	+ 1.2
1970	680,479	+ 5.9	2,215,111	+ 1.3	3.26	- 4.1
1971	755,159	+11.0	2,395,519	+ 8.1	3.17	- 2.8
1972	943,006	+24.9	2,936,284	+22.6	3.11	- 1.9
1973	1,025,389	+ 8.7	3,360,521	+14.5	3.28	+ 5.5
1974	939,133	- 8.4	3,328,844	- 0.9	3.54	+ 7.9
1975	834,037	-11.2	3,092,176	- 7.1	3.71	+ 4.8
1976	939,334	+12.6	3,636,474	+17.6	3.87	+ 4.3
1977	1,074,110	+14.3	4,298,660	+18.2	4.00	+ 3.4
1978	1,162,256	+ 8.2	4,772,550	+11.0	4.11	+ 2.8
1979	1,206,030	+ 3.8	5,099,000	+ 6.8	4.23	+ 2.9
1980	1,058,404	-12.2	4,913,844	- 3.9	4.64	+ 9.7
1981	990,619	- 6.4	5,250,391	+ 6.8	5.30	+14.2
1982[r]	885,811	-10.6	4,960,753	- 5.5	5.60	+ 5.7
1983	1,090,071	+23.0	6,045,255	+21.9	5.55	- 0.9

APPENDIX TABLE 5 TOTAL BROADLOOM SHIPMENTS

(Includes all woven and knitted goods plus tufted roll goods and rugs larger than 6' x 9')

YEAR	SQUARE YARDS (000's)	%Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	225,332	+15.5	$ 891,005	+13.2	$ 3.95	- 2.0
1964	265,008	+17.6	1,003,398	+16.0	3.90	- 1.3
1965	301,143	+13.6	1,135,892	+ 9.9	3.77	- 3.3
1966	331,279	+10.0	1,222,964	+ 7.7	3.69	- 2.1
1967	368,590	+11.3	1,327,148	+ 8.5	3.60	- 2.4
1968	434,640	+17.9	1,631,226	+22.9	3.75	+ 4.2
1969	494,686	+13.8	1,862,027	+14.1	3.76	+ 0.3
1970	536,352	+ 8.4	1,908,417	+ 2.5	3.56	- 5.3
1971	589,920	+10.0	2,063,071	+ 8.1	3.50	- 1.7
1972	768,389	+30.3	2,594,968	+25.8	3.38	- 5.4
1973	842,240	+ 9.6	2,995,857	+15.5	3.56	+ 5.3
1974	788,944	- 6.3	2,975,069	- 0.7	3.77	+ 5.9
1975	703,423	-10.8	2,744,169	- 7.8	3.90	+ 3.4
1976	789,945	+12.3	3,230,990	+17.7	4.09	+ 4.9
1977	901,173	+14.1	3,816,847	+18.1	4.24	+ 3.7
1978	990,072	+ 9.9	4,257,467	+11.5	4.30	+ 1.4
1979	1,033,348	+ 4.4	4,551,123	+ 6.9	4.40	+ 2.3
1980	898,030	-13.1	4,331,473	- 4.8	4.82	+ 9.5
1981	851,968	- 5.1	4,680,353	+ 8.1	5.49	+13.9
1982[r]	762,436	-10.5	4,405,176	- 5.9	5.78	+ 5.3
1983	918,562	+20.5	5,318,964	+20.7	5.79	+ 0.2

APPENDIX TABLE 6 CARPET AND RUG FIBER SHIPMENTS (MM pounds)

	1980	1981	1982					1983				
			1st Q	2nd Q	3rd Q	4th Q	Total	1st Q	2nd Q	3rd Q	4th Q	Total
*Nylon BCF	714.5	633.6	123.6	141.4	154.3	140.2	559.5	143.9	196.4	196.4	197.9	734.6
*Nylon Staple	631.5	617.4	125.1	150.1	165.5	153.7	594.4	175.3	220.7	215.9	203.3	815.2
Polyester Staple	119.9	124.0	24.6	32.0	27.6	30.5	114.7	34.7	39.8	33.2	31.3	139.0
Polypropylene BCF & Fibrillated	89.5	89.5	23.4	22.1	23.0	21.5	90.0	29.8	34.0	33.1	34.3	131.2
Polypropylene Staple	61.6	67.5	17.0	21.5	19.6	18.7	76.8	21.7	23.7	22.7	25.5	93.6
Wool	10.0	11.0	2.6	2.4	2.7	2.1	9.8	2.6	2.9	2.8	2.4	10.7
TOTALS	1627.0	1543.0	316.3	369.5	392.7	366.7	1445.2	408.0	517.5	504.1	494.7	1924.3

*No longer includes Aramid.

Source: Textile Organon, Textile Economics Bureau

APPENDIX TABLE 7 CARPET/RUG EXPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	20,895,000	$ 86,173,000
1976	24,630,000	102,456,000
1977	23,865,000	105,786,000
1978	31,763,000	147,322,000
1979	43,763,000	212,272,000
1980	68,617,000	320,281,000
1981	60,460,447	335,172,000
1982	50,265,000	286,182,000
1983	48,342,000	264,092,000

Source: U. S. Department of Commerce, Bureau of the Census, EM 522 and 526.

*F.A.S. Country of Origin - not including freight and duty cost.

CARPET/RUG IMPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	10,751,000	$ 87,292,000
1976	13,988,000	119,705,000
1977	13,871,000	146,319,000
1978	15,032,000	189,846,000
1979	14,151,000	199,752,000
1980	13,797,741	276,311,000
1981	14,151,000	299,226,000
82	17,122,000	267,594,000
1983	23,813,000	317,264,000

Source: U. S. Department of Commerce, Bureau of The Census, IM 145 and 146.

*F.A.S. Country of Origin - not including freight and duty cost.

APPENDIX TABLE 8 CARPET/TOTAL TEXTILES BALANCE OF TRADE

PERIOD	IMPORTS	EXPORTS	BALANCE OF CARPET TRADE	BALANCE OF TEXTILE TRADE*
1975	$ 87,292,000	$ 86,173,000	- 1.29%	+ 21.63%
1976	119,705,000	102,456,000	- 14.41%	+ 09.99%
1977	146,319,000	105,786,000	- 27.71%	+ 01.03%
1978	189,846,000	147,322,000	- 22 40%	- 07.29%
1979	199,752,000	212,272,000	+ 6.26%	+ 32.93%
1980	276,311,000	320,281,000	+ 15.91%	+ 35.73%
1981	299,226,000	335,172,000	+ 12.01%	+ 11.35%
1982	267,594,000	286,182,000	+ 6.95%	- 07.20%
1983	317,264,000	264,092,000	- 16.76%	- 31.57%

*Textiles include all yarns, fiber, carpet, rugs, and fabric, C.I.F. values.

Sources: U. S. Department of Commerce, Bureau of the Census, IM 145, IM 146, EM 522, and EM 546.

APPENDIX TABLE 9 1983 EXPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Angola	0	$ 2	1	$ 3	—	$ —	2	$ 59	3	$ 64
Argentina	—	—	0	9	—	—	0	1	0	10
Australia	288	1,350	218	675	—	—	31	323	537	2,348
Austria	6	55	3	357	—	—	14	94	23	506
Bahamas	195	1,139	171	1,124	0	1	6	66	372	2,330
Bahrain	809	4,377	80	483	—	—	10	233	899	5,093
Barbados	31	136	70	333	—	—	21	66	122	535
Belgium & Luxembourg	35	192	145	937	—	—	7	58	187	1,187
Belize	4	22	2	11	—	–	0	1	6	34
Bermuda British	119	669	39	343	—	—	19	175	177	1,187
Bolivia	1	5	1	5	—	—	0	1	2	11
Brazil	4	92	3	65	—	—	3	10	10	167
Brunei	—	—	1	9	—	—	—	—	1	9
Cameroon	—	—	0	1	—	—	—	—	0	1
Canada	6,106	36,111	1,010	4,249	510	934	2,820	7,304	10,446	48,598
Canary Islands	—	—	—	—	—	—	1	8	1	8
Cayman Islands	28	121	102	433	—	—	6	42	136	596
Chile	100	256	45	179	—	—	19	141	164	576
China (Mainland)	—	—	3	34	—	—	—	—	3	34
China (Taiwan)	29	224	4	24	—	—	11	51	44	299
Colombia	127	595	28	237	4	10	21	158	180	1,000
Costa Rica	0	4	4	18	—	—	1	3	5	25
Cyprus	56	321	2	6	—	—	—	—	58	327
Denmark	2	31	3	44	—	—	24	70	29	145
Dominican Republic	70	377	11	36	—	—	15	85	96	498
Ecuador	3	12	0	1	—	—	1	5	4	18
Egypt	11	36	2	40	—	—	4	33	17	109
El Salvador	3	10	0	2	—	—	—	—	3	12
Finland	28	65	—	—	—	—	9	33	37	98
France	36	187	12	207	25	46	4	37	77	477
French West Indies	1	4	3	24	0	3	1	1	5	32
Gabon	2	12	—	—	—	—	—	—	2	12
Gambia	0	3	—	—	—	—	—	—	0	3
Germany (West)	274	2,122	59	1,427	108	254	249	4,977	690	8,780
Ghana	—	—	2	9	—	—	0	1	2	10
Greece	22	70	20	51	—	—	3	135	45	256
Guatemala	6	27	8	42	0	1	2	17	15	87
Guinea	—	—	1	4	—	—	—	—	1	4
Guinea - Bissau	—	—	1	14	—	—	0	1	1	15
Guiana	—	—	1	3	—	—	—	—	1	3
Guyana	—	—	0	1	—	—	1	4	1	5
Haiti	12	64	4	35	—	—	10	24	26	123
Honduras	5	34	4	29	—	—	4	7	13	70
Hong Kong	265	1,304	188	558	1	3	26	168	480	2,033
Iceland	5	54	0	2	—	—	0	4	5	60
India	—	—	2	16	—	—	0	6	2	22
Indonesia	51	260	0	8	—	—	1	16	52	284
Iran	1	6	—	—	—	—	—	—	1	6
Ireland	15	76	2	8	—	—	0	7	17	91
Israel	18	112	5	40	—	—	1	14	24	166
Italy	27	289	0	8	1	16	1	114	29	427
Ivory Coast	3	13	—	—	—	—	—	—	3	13
Jamaica	59	571	21	141	—	—	21	56	101	768
Japan	1,295	7,218	102	512	—	—	72	471	1,469	8,201
Jordan	363	1,502	86	476	—	—	56	78	505	2,056
Kenya	15	176	—	—	—	—	—	—	15	176
Korea (Republic)	6	76	6	55	—	—	9	61	21	192
Kuwait	3,105	17,263	230	1,462	—	—	124	626	3,459	19,351

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Lebanon	202	1,448	12	97	—	—	7	16	221	1,561
Liberia	16	70	11	47	—	—	2	4	29	121
Libya	17	157	—	—	—	—	1	7	18	164
Malagasy Rep.	—	—	0	12	—	—	—	—	0	12
Malaysia	73	276	3	6	—	—	9	85	85	367
Malta & Gazo	2	13	—	—	—	—	—	—	2	13
Mexico	11	94	16	167	—	—	19	116	46	377
Morocco	1	13	—	—	—	—	—	—	1	13
Nauru	13	74	1	12	—	—	0	2	14	88
Nepal	—	—	1	5	—	—	—	—	1	5
Netherlands	16	140	9	190	—	—	140	1,538	165	1,868
Netherlands Antilles	63	304	124	577	—	—	41	178	228	1,059
New Caledonia	2	9	6	39	—	—	14	16	22	64
New Zealand	9	60	4	105	—	—	12	96	25	261
Nicaragua	1	10	0	2	—	—	—	—	1	12
Niger	1	2	—	—	—	—	—	—	1	2
Nigeria	0	6	2	24	—	—	—	—	2	30
Norway	134	475	22	25	—	—	15	52	171	552
Oman	259	1,239	109	966	—	—	—	—	368	2,205
Pacific Is. (Trust of)	1	3	4	16	—	—	0	2	5	21
Pakistan	1	12	0	7	—	—	0	1	1	20
Panama	137	626	86	519	1	2	48	242	272	1,389
Paraguay	4	28	45	727	12	21	2	46	63	822
Peru	7	36	11	64	0	1	3	19	21	119
Philippines	8	45	7	12	—	—	5	47	20	104
Qatar	584	4,095	79	544	—	—	—	—	663	4,639
Senegal	—	—	0	1	—	—	—	—	0	1
Saudi Arabia	15,463	80,737	1,502	10,597	30	86	647	2,562	17,642	93,982
Sierra - Leone	9	25	—	—	—	—	—	—	9	25
Singapore	691	3,364	36	204	—	—	55	227	782	3,795
South Africa (Republic of)	340	2,016	16	105	—	—	48	375	404	2,496
Spain	9	137	14	112	—	—	1	13	24	262
Sri Lanka (Ceylon)	2	9	—	—	—	—	—	—	2	9
Sudan	2	16	0	6	—	—	—	—	2	22
Surinam	0	2	25	214	—	—	9	41	34	257
Sweden	213	777	69	535	—	—	99	435	381	1,747
Switzerland & Liechtenstein	10	142	23	963	24	61	38	2,031	95	3,197
Syria	22	151	—	—	—	—	—	—	22	151
Thailand	4	22	0	2	—	—	9	64	13	88
Tanzania	—	—	—	—	—	—	0	4	0	4
Trinidad & Tobago	470	2,063	390	2,016	1	10	77	392	938	4,481
Turkey	—	—	0	2	—	—	0	2	0	4
Turk Islands & Caicos Is.	0	1	3	21	—	—	0	2	3	24
United Arab Emirates	2,737	15,673	456	3,074	—	—	53	307	3,246	19,054
United Kingdom	943	5,656	122	991	12	21	186	947	1,263	7,615
Uruguay	16	36	5	35	—	—	—	—	21	71
Venezuela	19	121	33	89	0	1	55	88	107	299
Virgin Islands (British)	34	216	28	126	1	1	4	46	67	389
West Samoa	0	5	1	5	—	—	0	1	1	11
Yemen (Sana)	192	613	—	—	—	—	22	42	214	655
Zaire	1	7	—	—	—	—	—	—	1	7
Zambia	—	—	1	10	—	—	—	—	1	10
TOTALS	36,380	$198,669	5,981	$ 38,061	730	$ 1,472	5,251	$ 25,891	48,341*	$264,092

Source: U. S. Department of Commerce, Bureau of the Census, EM 546.

Note: Dollar value reported F.O.B. country of origin - not including freight and duty cost.

*Does not add due to rounding.

APPENDIX TABLE 10 1983 IMPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Origin	TUFTED Sq. Yds.	TUFTED Dollars	BRAIDED Sq. Yds.	BRAIDED Dollars	HANDMADE ORIENTALS Sq. Yds.	HANDMADE ORIENTALS Dollars	MACHINE WOVEN Sq. Yds.	MACHINE WOVEN Dollars	ALL OTHERS Sq. Yds.	ALL OTHERS Dollars	TOTAL Sq. Yds.	TOTAL Dollars
Afghanistan	0	$ 2	—	$ —	31	$1,549	0	$ 8	27	$ 620	58	$2,179
Albania	—	—	—	—	1	27	—	—	—	—	1	27
Australia	95	1,150	—	—	—	—	5	93	0	1	100	1,244
Austria	1	15	—	—	0	6	22	245	37	591	60	857
Bahrain	—	—	—	—	0	6	—	—	—	—	0	6
Bangladesh	—	—	—	—	—	—	7	44	6	18	13	62
Belgium & Luxembourg	858	5,612	—	—	18	322	3,138	29,280	87	559	4,101	35,773
Bolivia	—	—	0	1	0	2	—	—	0	14	0	17
Botswana	—	—	—	—	0	1	—	—	—	—	0	1
Brazil	—	—	—	—	0	1	198	914	85	195	283	1,110
Bulgaria	—	—	—	—	0	24	—	—	—	—	0	24
Canada	1,898	6,986	0	4	1	98	23	425	324	1,046	2,246	8,559
Chile	—	—	—	—	1	45	—	—	0	1	1	46
China (Mainland)	294	6,755	1	3	748	50,317	14	177	56	555	1,113	57,807
China (Taiwan)	7	242	36	133	14	838	17	103	5	55	79	1,371
Colombia	—	—	—	—	0	1	0	1	—	—	0	2
Czechslovakia	—	—	—	—	—	—	1	6	—	—	1	6
Denmark	36	437	0	2	2	67	143	2,676	48	473	229	3,655
Ecuador	0	1	—	—	0	10	—	—	0	11	0	22
Egypt	—	—	0	4	0	168	—	—	6	34	6	206
Ethiopia	—	—	—	—	0	1	—	—	—	—	0	1
Finland	0	4	—	—	0	3	3	73	8	159	11	239
France	1	38	0	3	4	236	53	1,042	18	271	76	1,590
Germany (East)	—	—	—	—	1	75	—	—	—	—	1	75
Germany (West)	263	1,495	—	—	6	580	93	889	226	2,161	588	5,125
Greece	95	711	0	1	2	57	34	326	6	74	137	1,169
Guatemala	—	—	—	—	0	1	—	—	0	3	0	4
Haiti	2	68	2	8	—	—	—	—	3	59	7	135
Helena (S)	—	—	—	—	0	6	—	—	—	—	0	6
Hong Kong	26	1,570	—	—	2	211	0	17	11	78	39	1,876
Hungary	—	—	—	—	0	12	—	—	7	106	7	118
India	5	90	15	65	900	36,514	257	1,152	3,267	21,471	4,444	59,292
Indonesia	—	—	—	—	—	—	—	—	0	2	0	2
Iran	0	5	0	1	105	18,510	0	7	4	255	109	18,778
Iraq	—	—	—	—	0	1	—	—	0	1	0	2
Ireland	3	26	—	—	0	16	219	4,428	395	2,678	617	7,148
Israel	2	92	—	—	0	21	94	1,020	1	15	97	1,148
Italy	8	64	—	—	2	98	138	1,306	3	65	151	1,533
Japan	225	4,123	2,986	11,164	3	72	21	275	1,421	2,406	4,656	18,040
Korea (Republic of)	41	891	5	15	0	7	—	—	1	24	47	937
Kuwait	—	—	—	—	0	7	—	—	—	—	0	7
Laos	—	—	—	—	2	77	—	—	—	—	2	77
Lebanon	—	—	—	—	0	6	12	280	—	—	12	286
Lesotho	—	—	—	—	0	2	—	—	0	1	0	3
Mexico	174	590	2	8	1	34	217	880	177	999	571	2,511
Morocco	0	6	—	—	5	222	0	8	8	123	13	359
Nepal	0	3	—	—	8	552	0	2	0	7	8	564
Netherlands	747	4,221	—	—	3	73	141	2,836	199	1,258	1,090	8,388
New Zealand	56	664	—	—	2	31	89	1,645	1	6	148	2,346
Norway	0	1	—	—	0	3	0	10	0	6	0	20
Oman	—	—	—	—	0	12	1	12	—	—	1	24
Pakistan	1	7	0	5	304	24,821	1	28	49	348	355	25,209

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTALS		MACHINE WOVEN		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Peru	0	1	—	—	0	19	0	3	1	13	1	36
Philippines	10	453	1	3	1	37	0	3	2	19	14	515
Poland	—	—	—	—	—	—	1	18	0	12	1	30
Portugal	2	122	—	—	7	246	5	96	62	996	76	1,460
Qatar	—	—	—	—	—	—	—	—	0	3	0	3
Romania	—	—	—	—	66	3,776	—	—	44	1,600	110	5,376
Saudi Arabia	0	2	—	—	0	13	0	2	0	3	0	20
Singapore	3	184	—	—	1	301	0	9	—	—	4	494
South Africa (Republic of)	—	—	—	—	1	77	17	289	1	65	19	431
Spain	51	479	0	5	1	131	636	6,740	6	64	694	7,419
Sri Lanka	—	—	—	—	—	—	—	—	0	6	0	6
Swaziland	—	—	—	—	0	4	—	—	—	—	0	4
Sweden	0	1	—	—	0	3	4	78	7	84	11	166
Switzerland	11	144	—	—	5	153	38	1,071	6	114	60	1,482
Syria	—	—	—	—	0	8	—	—	—	—	0	8
Thailand	48	1,702	—	—	2	35	0	5	0	5	50	1,747
Tunisia	0	2	—	—	0	10	—	—	2	76	2	88
Turkey	0	10	1	34	76	6,643	5	105	31	915	113	7,707
United Arab Emirates	—	—	—	—	0	21	0	17	0	1	0	39
United Kingdom	42	739	0	4	14	778	1,075	18,127	43	525	1,174	20,173
Uruguay	—	—	—	—	—	—	—	—	1	4	1	4
U.S.S.R.	—	—	—	—	0	13	—	—	0	2	0	15
Venezuela	—	—	—	—	—	—	—	—	1	1	1	1
Yugoslavia	—	—	—	—	—	—	—	—	4	54	4	54
TOTALS	5,005	$ 39,708	3,049	$ 11,463	2,340	$148,011	6,722	$ 76,771	6,697	$ 41,311	23,813	$317,264

Source: U. S. Department of Commerce, Bureau of the Census, IM 146.

Notes: Dollar value reported F.O.B. country of origin - not including freight and duty cost.
All data exclude underlayment.

APPENDIX TABLE 11 PRIMARY BACKING CONSUMED (000's Omitted)

MATERIAL	1977	1978	1979	1980	1981	1982	1983
WOVEN(Pounds)							
Cotton	4,380	2,450	2,080	1,506	(D)	(D)	(D)
Jute	9,679	16,346	15,360	4,701	4,294	2,764	4,266
Paper	(D)	—	—	—	—	—	—
Man-Made & All Other	13,218	12,412	15,795	9,292	[1]8,638	[1]8,694	[1]7,605
TOTAL	27,277	31,208	33,235	15,499	15,316	12,729	13,855
TUFTED (Square Yards)							
Cotton	1,022	598	(D)	(D)	3,106	(D)	(D)
Jute	205,493	202,338	122,675	30,397	42,346	22,094	41,213
Paper	—	—	—	—	—	—	—
Man-Made & All Other	761,300	871,949	1,023,967	858,441	[1]832,738	[1]736,112	[1]854,843
TOTAL	973,897	1,080,341	1,152,190	926,397	883,774	766,441	982,517
ALL OTHER (Square Yards)							
Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper	—	—	—	—	—	—	—
Man-Made & All Other	23,170	22,046	15,547	14,426	[2]10,496	[3]5,271	[3]7,645
TOTAL	25,902	26,196	18,353	14,999	10,993	27,978	11,834
TOTAL (Square Yards)							
NOT AVAILABLE							

APPENDIX TABLE 12 SECONDARY BACKING CONSUMED (000's Omitted)

MATERIAL	1977	1978	1979	1980	1981	1982	1983
WOVEN (Square Yards)							
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
M/M, Woven & Non-W	—	(D)	—	—	(D)	(D)	(D)
Cushion - Total	(D)	2,373	2,814	(D)	(D)	(D)	(D)
Foam or High Den		(D)	(D)				
Vinyl, Poly, Other	(D)	(D)	(D)	—	—	(D)	(D)
Other	(D)	(D)	(D)	—	—	—	—
TOTAL	(D)	(D)	(D)	1,110	(D)	(D)	(D)
TUFTED (Square Yards)							
Jute	504,177	570,690	583,316	419,647	463,669	384,442	(D)
M/M, Woven & Non-W	—	21,395	92,825	183,256	171,045	165,602	219,933
Cushion - Total	206,262	245,620	210,004	161,778	128,250	123,822	113,268
Foam or High Den	192,241	225,460	188,660	104,745	92,834	90,510	58,498
Vinyl, Poly, Other	14,021	20,160	21,344	33,043	35,416	33,312	23,955
Other	54,454	52,027	55,746	44,117	48,465	41,316	(D)
TOTAL	783,497	913,163	1,181,318	824,671	812,245	735,041	838,382
ALL OTHER (Square Yards)							
Jute	—	—	—	—	—	—	—
M/M, Woven & Non-W	—	—	—	—	—	—	—
Cushion - Total	(D)	(D)	(D)	2,290	2,862	(D)	(D)
Foam or High Den	(D)	(D)	(D)	1,968	2,862	(D)	(D)
Vinyl, Poly, Other	(D)	(D)	(D)	322	—	(D)	(D)
Other	(D)	(D)	(D)	814	—	(D)	(D)
TOTAL	(D)	(D)	(D)	3,104	2,862	(D)	(D)
TOTAL (Square Yards)							
Jute	514,217	580,437	593,898	429,764	464,362	395,611	432,929
M/M, Woven & Non-W	—	21,873	92,825	183,874	181,166	174,930	239,636
Cushion - Total	216,735	256,592	219,951	165,871	131,827	125,528	117,422
Foam or High Den	199,147	233,349	195,864	122,498	96,411	91,882	85,553
Vinyl, Poly, Other	17,588	23,243	24,087	43,373	35,416	33,646	31,869
Other	61,442	69,644	75,935	49,376	48,465	41,344	56,056
TOTAL	792,394	928,546	982,609	828,885	825,820	737,413	846,043

[1]All Man-Made [2]Man-Made 3,236 [3]All "Other"

(D) Withheld to avoid disclosing figures of individual companies.

Note: Individual figures do not add up to totals because some data were withheld to avoid problems of disclosure.

Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 13 HOUSING STARTS/TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9'

NEW PUBLIC AND PRIVATE HOUSING UNITS STARTED — Seasonally adjusted Annual Rate

Year	MM Units	% Inc. or Dec.
1963	1,634.9	—
1964	1,561.0	- 4.5
1965	1,509.7	- 3.3
1966	1,195.8	- 20.8
1967	1,321.9	+10.5
1968	1,545.4	+16.9
1969	1,499.5	- 3.0
1970	1,469.0	- 2.0
1971	2,084.5	+41.9
1972	2,378.5	+14.1
1973	2,057.3	- 13.5
1974	1,352.5	- 34.3
1975	1,171.4	- 13.4
1976	1,547.6	+32.1
1977	2,001.7	+29.3
1978	2,036.1	+ 1.7
1979	1,760.0	- 13.6
1980	1,312.6	- 25.4
1981	1,100.3	- 16.2
1982	1,072.1	- 2.6
1983	1,712.5	+59.7

Source: U.S. Department of Commerce, Bureau of the Census, Construction Reports, Housing Starts, C-20-84-1.

***TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9' (Incl. Artificial Grass)**

Year	Square Yards (000's Omitted)	% Inc. or Dec.
1963	176,362	—
1964	219,703	+24.6
1965	259,885	+18.3
1966	288,710	+11.1
1967	328,602	+13.8
1968	394,747	+20.1
1969	455,341	+15.4
1970	502,280	+10.3
1971	558,565	+11.2
1972	734,308	+31.5
1973	809,435	+10.2
1974	756,386	- 6.5
1975	676,713	- 10.5
1976	762,217	+12.6
1977	875,882	+14.9
1978	963,420	+10.0
1979	1,004,450	+ 4.3
1980	870,859	- 13.3
1981	831,073	- 4.6
1982[r]	743,280	- 10.6
1983	895,337	+20.5

Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

*Mill Shipments